



**PLAN VIEW**

\* NOT TO SCALE

(4)- 3/4"X26"X4" L-BEND ANCHOR BOLTS W/ (2) HEX NUTS, 2" O.D. FLAT WASHERS PER BOLT

3" MIN. COVER (CAST AGAINST FORMS)

VDOT CLASS A3 GENERAL CONCRETE

H

T

#4 TIES @ 6" O.C.

8#6 LONG. BARS W/ STD. 90° HOOK

**SECTION A-A**

3" MIN. COVER (CAST AGAINST EARTH)

POLE ID	D	H	T	W	TOP E.W.	BOTTOM E.W.
30' POLE	2'-6"	1'-0"	2'-0"	6'-0"	11-#5	11-#5

**NOTES:**

1. IF ACTUAL SITE CONDITIONS VARY FROM ABOVE ASSUMPTION, REDESIGN IS REQUIRED.
2. PRE-APPROVAL FROM THE COUNTY IS REQUIRED.
3. ALL BARS SHALL HAVE MINIMUM OF 3" OF CONCRETE COVER.
4. FOUNDATION SHALL BE GROUNDED PER NEC USING CLAMPS AND WIRING OUTLINED IN DRAWING 14050-01.
5. THE CONTACT LENGTH SHALL BE PER NEC ARTICLE 250. GENERALLY, THE GROUND ROD SHALL BE BELOW MOISTURE LEVEL WITH MINIMUM SOIL CONTACT OF 8', OR 45 DEGREE ANGLE, OR LAID 30" DEEP HORIZONTALLY.
6. THIS FOUNDATION IS DESIGNED BASED ON TYPICAL SOIL PARAMETERS AS DETAILED THE GENERAL PARAGRAPHS OF THE SECTION 14060 ARLINGTON COUNTY LIGHTING SPECS. IF ACTUAL SITE CONDITION VARY FROM THOSE ASSUMPTIONS, A SPECIAL FOUNDATION DESIGN MAY BE REQUIRED.
7. THE CONCRETE SHALL BE VDOT CLASS A3 GENERAL CLASS.

**ROADWAY LIGHT POLE FOUNDATION  
SHALLOW DEPTH - OPTION 2**

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09/23

REVISION & DATE



ARLINGTON COUNTY, VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL SERVICES

DRAWING NO.  
14060-05